

Title (en)

METHOD AND APPARATUS FOR BLOCK PARTITIONING AND INTRA PREDICTION IN IMAGE CODING SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BLOCKPARTITIONIERUNG UND INTRAPRÄDIKTION IN EINEM BILDCODIERUNGSSYSTEM

Title (fr)

PROCÉDÉ ET APPAREIL DE PARTITIONNEMENT ET DE PRÉDICTION INTRA DE BLOCS DANS UN SYSTÈME DE CODAGE D'IMAGE

Publication

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Application

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Abstract (en)

[origin: EP3509298A1] An intra prediction method according to the present invention comprises the steps of: deriving a partitioning structure of a luma block; deriving intra chroma prediction mode information for deriving an intra prediction mode of a chroma block corresponding to the luma block; when the intra chroma prediction mode information indicates a derived mode (DM) or a linear mode (LM), partitioning the chroma block on the basis of the partitioning structure of the luma block so as to derive a plurality of chroma sub-blocks; and generating prediction samples for the plurality of chroma sub-blocks. According to the present invention, it is possible to efficiently perform illumination compensation-based inter prediction and reduce a boundary error of a block while reducing the amount of data in additional information. According to the present invention, it is possible to efficiently perform partitioning and intra prediction for a chroma block on the basis of a partitioning structure of a luma block.

IPC 8 full level

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Citation (search report)

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